

Claim Amendments

This listing of claims will replace all prior versions, and listings, of claims of the application.

Listing of Claims

Claims 1-3. (Canceled)

Claim 4 (New): A method for the production of filler-containing paper, comprising:
depositing a pulp slurry containing a cationic polymer containing vinylamine units and a particulate filler (B) of titanium dioxide and/or calcium carbonate on a substrate; and
dewatering the applied pulp thereby fixing the cationic polymer and filler particles in the fibers of the pulp such that the paper product prepared has an ash content 3-40 wt %, wherein the cationic polymer component is defined in terms of a component (A) which comprises at least 0.0005 %, but less than 0.05 %, by conversion to solids concentration in terms of the dry mass of raw material pulp, of a polymer obtained by 20 to 100 % hydrolysis of the total formyl groups in a polymer having at least N-vinylformamide units as a polymerization component.

Claim 5. (New) The method for the production of filler-containing paper according to Claim 4, wherein component (A) and component (B) are added to the pulp slurry such that the mass ratio of component (A) to component (B) ranges from 0.001/100 to 0.5/100 by conversion to solids concentration.

Claim 6. (New) The method for the production of filler-containing paper according to Claim 4, wherein in the preparation of component (A), N-vinylformamide is copolymerized with the vinyl or propenyl esters of saturated carboxylic acids, nonionic (meth)allyl

monomers, (meth)allyl monomers having a side chain which contains a cationic nitrogen atom, olefins, ethylenically-unsaturated carboxylic acids, esters or amides of these ethylenically-unsaturated carboxylic acids, monomers with a nitrile group, monomers with a sulphonic acid group, monomers with a phosphoric acid group and styrene-type monomers.

Claim 7. (New) The method for the production of filler-containing paper according to Claim 4, wherein said pulp is a kraft pulp, a sulphite pulp, other such bleached and unbleached chemical pulps, groundwood pulp, mechanical pulp, thermomechanical pulp, chemithermomechanical pulp, other such bleached or unbleached high-yield pulps, waste pulps, wood pulp, straw pulp, kenaf pulp and mixtures of one of said aforesaid pulps and a synthetic polyamide, polyester, polyolefin or polyvinyl alcohol fibre.

Claim 8. (New) A base paper of the filler-containing paper produced according to the method of Claim 4 in the form of a construction material, India paper or tip base paper for cigarettes.